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## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

## 5 Listing of Claims:

1. (original): A method of fabricating a semiconductor device comprising:

providing a substrate;

sequentially forming a first organic layer, a sacrificial layer, and a second organic layer on the substrate;

performing a photolithography process for forming a predetermined pattern in the second organic layer;

utilizing the second organic layer as an etching mask for etching the sacrificial layer till a surface of the first organic layer is exposed, thus the predetermined pattern being transferred to the sacrificial layer;

utilizing the sacrificial layer as an etching mask for etching the first organic layer till a surface of the substrate is exposed, thereby the predetermined pattern being transferred to the first organic layer;

utilizing the sacrificial layer and the first organic layer as an etching mask for etching the substrate, thereby transferring the predetermined pattern to the substrate; and

removing the first organic layer by use of plasma.

- (original): The method of claim 1 wherein the first organic layer is made of a material selected from the group consisting of low dielectric organic materials and spin-on glass (SOG).
- 3. (original): The method of claim I wherein the plasma is selected from the group

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consisting of oxygen  $(O_2)$ , nitrogen  $(N_2)$ , hydrogen  $(H_2)$ , argon (Ar),  $C_xF_y$ ,  $C_xH_yF_z$ , and helium (He) plasma.

- (previously presented): The method of claim 1 wherein the sacrificial layer is made of silicon nitride.
- 5. (previously presented): The method of claim 1 wherein the second organic layer is made of an organic photoresist material capable of absorbing light sources with wavelengths shorter than 248nm in deep UV regions.
- 6. (original): The method of claim 1 wherein the second organic layer is suitable for an e-beam lithography process.
- 7. (original): The method of claim 1 wherein the substrate is selected from the group consisting of a silicon substrate, a metal substrate, and a dielectric layer.
  - 8. (previously presented): The method of claim 1 wherein the sacrificial layer is made of silicon oxide.
- 20 9. (canceled)
  - 10. (previously presented): The method of claim 1 wherein the sacrificial layer is removed concurrently while etching the substrate.
- 25 11. (canceled)
  - 12. (previously presented): The method of claim 1 wherein the method further comprises forming an anti-reflection layer on the sacrificial layer before forming the second

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organic layer.

13. (previously presented): The method of claim 12 wherein the anti-reflection layer comprises organic materials.

14. (previously presented): The method of claim 12 wherein the anti-reflection layer comprises inorganic materials.

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